RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09 920 137c

Source: IFW16

Date Processed by STIC: 2-14-05

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 09| 920,137C : CRF Edit Date: 2-14-05
                                 Edited by: ZCP

____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____

____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

✓ Deleted: ✓ invalid beginning/end-of-file text ; ____ page numbers

____ Inserted mandatory headings/numeric identifiers, specifically:

_____

____ Moved responses to same line as heading/numeric identifier, specifically:

_____

____ Other:

_____
_____
_____

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/920,137C

DATE: 02/14/2005
TIME: 16:29:45

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\02142005\I920137C.raw

```
 5 <110> APPLICANT: Giles-Komar, Jill
 6        David Shealy
 7        David Knight
 8        Bernie Scallon
 9        George Heavner
11 <120> TITLE OF INVENTION: ANTI-TNF ANTIBODIES, COMPOSITIONS, METHODS AND USES
13 <130> FILE REFERENCE: CEN0250
15 <140> CURRENT APPLICATION NUMBER: US 09/920,137C
16 <141> CURRENT FILING DATE: 2001-08-01
18 <150> PRIOR APPLICATION NUMBER: 60/223,360
19 <151> PRIOR FILING DATE: 2000-08-07
21 <150> PRIOR APPLICATION NUMBER: 60/236,826
22 <151> PRIOR FILING DATE: 2000-09-29
24 <160> NUMBER OF SEQ ID NOS: 15
26 <170> SOFTWARE: PatentIn Ver 3.1
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 5
30 <212> TYPE: PRT
31 <213> ORGANISM: Homo sapiens
W--> 32 <400> SEQUENCE: 1
34 Arg Tyr Thr Met His
35 1               5
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 16
39 <212> TYPE: PRT
40 <213> ORGANISM: Homo sapiens
W--> 41 <400> SEQUENCE: 2
43 Val Ile Ser Phe Asp Gly Ser Asn Lys Tyr Tyr Val Asp Ser Val Lys
44 1               5                   10                  15
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 10
48 <212> TYPE: PRT
49 <213> ORGANISM: Homo sapiens
W--> 50 <400> SEQUENCE: 3
52 Glu Ala Arg Gly Ser Tyr Ala Phe Asp Ile
53 1               5                   10
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 11
57 <212> TYPE: PRT
58 <213> ORGANISM: Homo sapiens
W--> 59 <400> SEQUENCE: 4
61 Arg Ala Ser Gln Gly Ile Ser Ser Trp Leu Ala
62 1               5                   10
```

RAW SEQUENCE LISTING DATE: 02/14/2005
PATENT APPLICATION: US/09/920,137C TIME: 16:29:45

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\02142005\I920137C.raw**

```
 64 <210> SEQ ID NO: 5
 65 <211> LENGTH: 7
 66 <212> TYPE: PRT
 67 <213> ORGANISM: Homo sapiens
W--> 68 <400> SEQUENCE: 5
 70 Ala Ala Ser Ser Leu Gln Ser
 71 1               5
 73 <210> SEQ ID NO: 6
 74 <211> LENGTH: 10
 75 <212> TYPE: PRT
 76 <213> ORGANISM: Homo sapiens
W--> 77 <400> SEQUENCE: 6
 79 Gln Gln Arg Ser Asn Trp Pro Pro Phe Thr
 80 1               5                   10
 82 <210> SEQ ID NO: 7
 83 <211> LENGTH: 115
 84 <212> TYPE: PRT
 85 <213> ORGANISM: Homo sapiens
W--> 86 <400> SEQUENCE: 7
 88 Gln Val Gln Leu Val Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
 89 1               5                   10                  15
 91 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
 92             20                  25                  30
 94 Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
 95         35                  40                  45
 97 Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
 98     50                  55                  60
100 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
101 65                  70                  75                  80
103 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
104             85                  90                  95
106 Ala Arg Asp Arg Gly Ile Ser Ala Gly Gly Asn Tyr Tyr Tyr Tyr Gly
107             100                 105                 110
109 Met Asp Val
110         115
113 <210> SEQ ID NO: 8
114 <211> LENGTH: 108
115 <212> TYPE: PRT
116 <213> ORGANISM: Homo sapiens
W--> 117 <400> SEQUENCE: 8
119 Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Leu Ser Pro Gly
120 1               5                   10                  15
122 Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Tyr
123             20                  25                  30
125 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
126         35                  40                  45
128 Tyr Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
129     50                  55                  60
131 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu Pro
```

```
132 65                    70                75                80
134 Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Arg Ser Asn Trp Pro Pro
135                 85                90                95
137 Phe Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys
138                 100                105
141 <210> SEQ ID NO: 9
142 <211> LENGTH: 157
143 <212> TYPE: PRT
144 <213> ORGANISM: Homo sapiens
W--> 145 <400> SEQUENCE: 9
147 Val Arg Ser Ser Ser Arg Thr Pro Ser Asp Lys Pro Val Ala His Val
148 1                 5                10                15
150 Val Ala Asn Pro Gln Ala Glu Gly Gln Leu Gln Trp Leu Asn Arg Arg
151                 20                25                30
153 Ala Asn Ala Leu Leu Ala Asn Gly Val Glu Leu Arg Asp Asn Gln Leu
154                 35                40                45
156 Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe
157                 50                55                60
159 Lys Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile
160 65                 70                75                80
162 Ser Arg Ile Ala Val Ser Tyr Gln Thr Lys Val Asn Leu Leu Ser Ala
163                 85                90                95
165 Ile Lys Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Lys
166                 100                105                110
168 Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Lys
169                 115                120                125
171 Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp Tyr Leu Asp Phe
172       130                135                140
174 Ala Glu Ser Gly Gln Val Tyr Phe Gly Ile Ile Ala Leu
175 145                 150                155
177 <210> SEQ ID NO: 10
178 <211> LENGTH: 15
179 <212> TYPE: DNA
180 <213> ORGANISM: Homo sapiens
W--> 181 <400> SEQUENCE: 10
183 agatatacta tgcac                                        15
185 <210> SEQ ID NO: 11
186 <211> LENGTH: 51
187 <212> TYPE: DNA
188 <213> ORGANISM: Homo sapiens
W--> 189 <400> SEQUENCE: 11
191 gttatatcat ttgatggaag caataaatac tacgtagact ccgtgaaggg c    51
193 <210> SEQ ID NO: 12
194 <211> LENGTH: 30
195 <212> TYPE: DNA
196 <213> ORGANISM: Homo sapiens
W--> 197 <400> SEQUENCE: 12
199 gaggcccggg gatcgtatgc ttttgatatc                        30
201 <210> SEQ ID NO: 13
```

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\02142005\I920137C.raw**

```
       202 <211> LENGTH: 42
       203 <212> TYPE: DNA
       204 <213> ORGANISM: Homo sapiens
W-->   205 <400> SEQUENCE: 13
       207 ctctcctgca gggccagtca gagtgttagc agctacttag cc          42
       209 <210> SEQ ID NO: 14
       210 <211> LENGTH: 18
       211 <212> TYPE: DNA
       212 <213> ORGANISM: Homo sapiens
W-->   213 <400> SEQUENCE: 14
       215 gatgcatcca acagggcc                                     18
       217 <210> SEQ ID NO: 15
       218 <211> LENGTH: 21
       219 <212> TYPE: DNA
       220 <213> ORGANISM: Homo sapiens
W-->   221 <400> SEQUENCE: 15
       223 cagcagcgta gcaactggcc t                                 21
```

VERIFICATION SUMMARY   DATE: 02/14/2005
PATENT APPLICATION: **US/09/920,137C**   TIME: 16:29:46

Input Set : **A:\pto.kd.txt**
Output Set: **N:\CRF4\02142005\I920137C.raw**

```
L:32 M:283 W: Missing Blank Line separator, <400> field identifier
L:41 M:283 W: Missing Blank Line separator, <400> field identifier
L:50 M:283 W: Missing Blank Line separator, <400> field identifier
L:59 M:283 W: Missing Blank Line separator, <400> field identifier
L:68 M:283 W: Missing Blank Line separator, <400> field identifier
L:77 M:283 W: Missing Blank Line separator, <400> field identifier
L:86 M:283 W: Missing Blank Line separator, <400> field identifier
L:117 M:283 W: Missing Blank Line separator, <400> field identifier
L:145 M:283 W: Missing Blank Line separator, <400> field identifier
L:181 M:283 W: Missing Blank Line separator, <400> field identifier
L:189 M:283 W: Missing Blank Line separator, <400> field identifier
L:197 M:283 W: Missing Blank Line separator, <400> field identifier
L:205 M:283 W: Missing Blank Line separator, <400> field identifier
L:213 M:283 W: Missing Blank Line separator, <400> field identifier
L:221 M:283 W: Missing Blank Line separator, <400> field identifier
```

IFW16

RAW SEQUENCE LISTING   DATE: 02/08/2005
PATENT APPLICATION: US/09/920,137C   TIME: 09:58:25

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\02082005\I920137C.raw

```
 5 <110> APPLICANT: Giles-Komar, Jill
 6        David Shealy
 7        David Knight
 8        Bernie Scallon
 9        George Heavner
11 <120> TITLE OF INVENTION: ANTI-TNF ANTIBODIES, COMPOSITIONS, METHODS AND USES
13 <130> FILE REFERENCE: CEN0250
15 <140> CURRENT APPLICATION NUMBER: US 09/920,137C
16 <141> CURRENT FILING DATE: 2001-08-01
18 <150> PRIOR APPLICATION NUMBER: 60/223,360
19 <151> PRIOR FILING DATE: 2000-08-07
21 <150> PRIOR APPLICATION NUMBER: 60/236,826
22 <151> PRIOR FILING DATE: 2000-09-29
24 <160> NUMBER OF SEQ ID NOS: 15
26 <170> SOFTWARE: PatentIn Ver 3.1
```

Does Not Comply
Corrected Diskette Needed
(PS.1

ERRORED SEQUENCES

```
    46 <210> SEQ ID NO: 3 .
    47 <211> LENGTH: 10
    48 <212> TYPE: PRT
    49 <213> ORGANISM: Homo sapiens
W-->50 <400> SEQUENCE: 3
    52 Glu Ala Arg Gly Ser Tyr Ala Phe Asp Ile
E-->53 1              5               10
```

VERIFICATION SUMMARY   DATE: 02/08/2005
PATENT APPLICATION: **US/09/920,137C**   TIME: 09:58:26

Input Set : **A:\pto.da.txt**
Output Set: **N:\CRF4\02082005\I920137C.raw**

```
L:32 M:283 W: Missing Blank Line separator, <400> field identifier
L:41 M:283 W: Missing Blank Line separator, <400> field identifier
L:50 M:283 W: Missing Blank Line separator, <400> field identifier
L:53 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:3
L:59 M:283 W: Missing Blank Line separator, <400> field identifier
L:68 M:283 W: Missing Blank Line separator, <400> field identifier
L:77 M:283 W: Missing Blank Line separator, <400> field identifier
L:86 M:283 W: Missing Blank Line separator, <400> field identifier
L:117 M:283 W: Missing Blank Line separator, <400> field identifier
L:145 M:283 W: Missing Blank Line separator, <400> field identifier
L:181 M:283 W: Missing Blank Line separator, <400> field identifier
L:189 M:283 W: Missing Blank Line separator, <400> field identifier
L:197 M:283 W: Missing Blank Line separator, <400> field identifier
L:205 M:283 W: Missing Blank Line separator, <400> field identifier
L:213 M:283 W: Missing Blank Line separator, <400> field identifier
L:221 M:283 W: Missing Blank Line separator, <400> field identifier
```